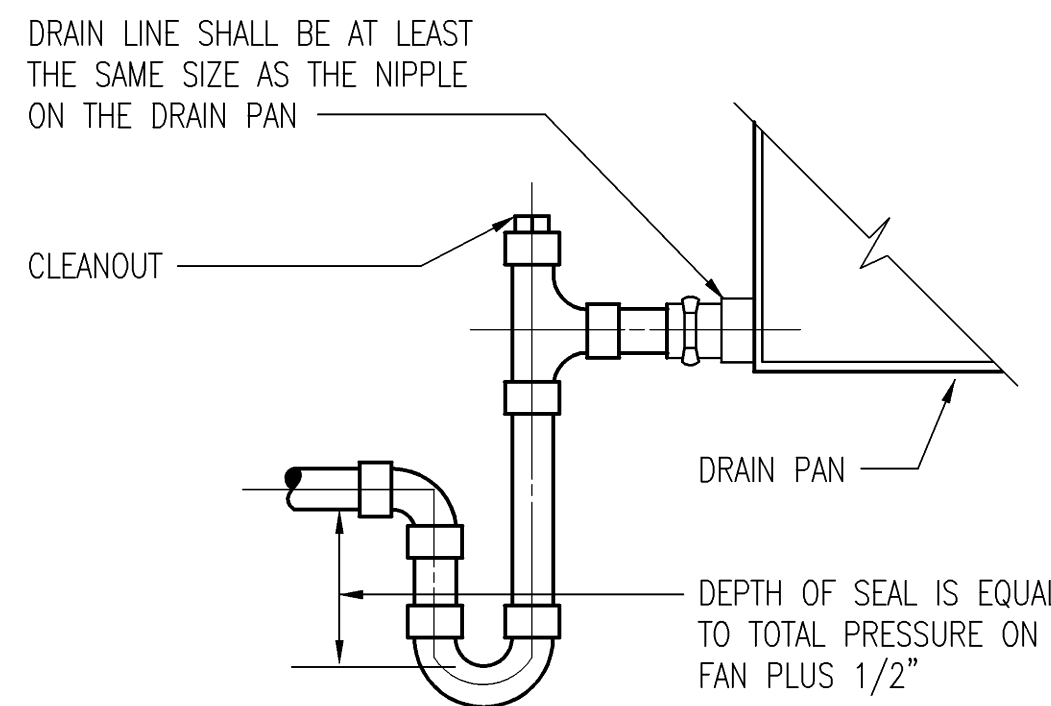
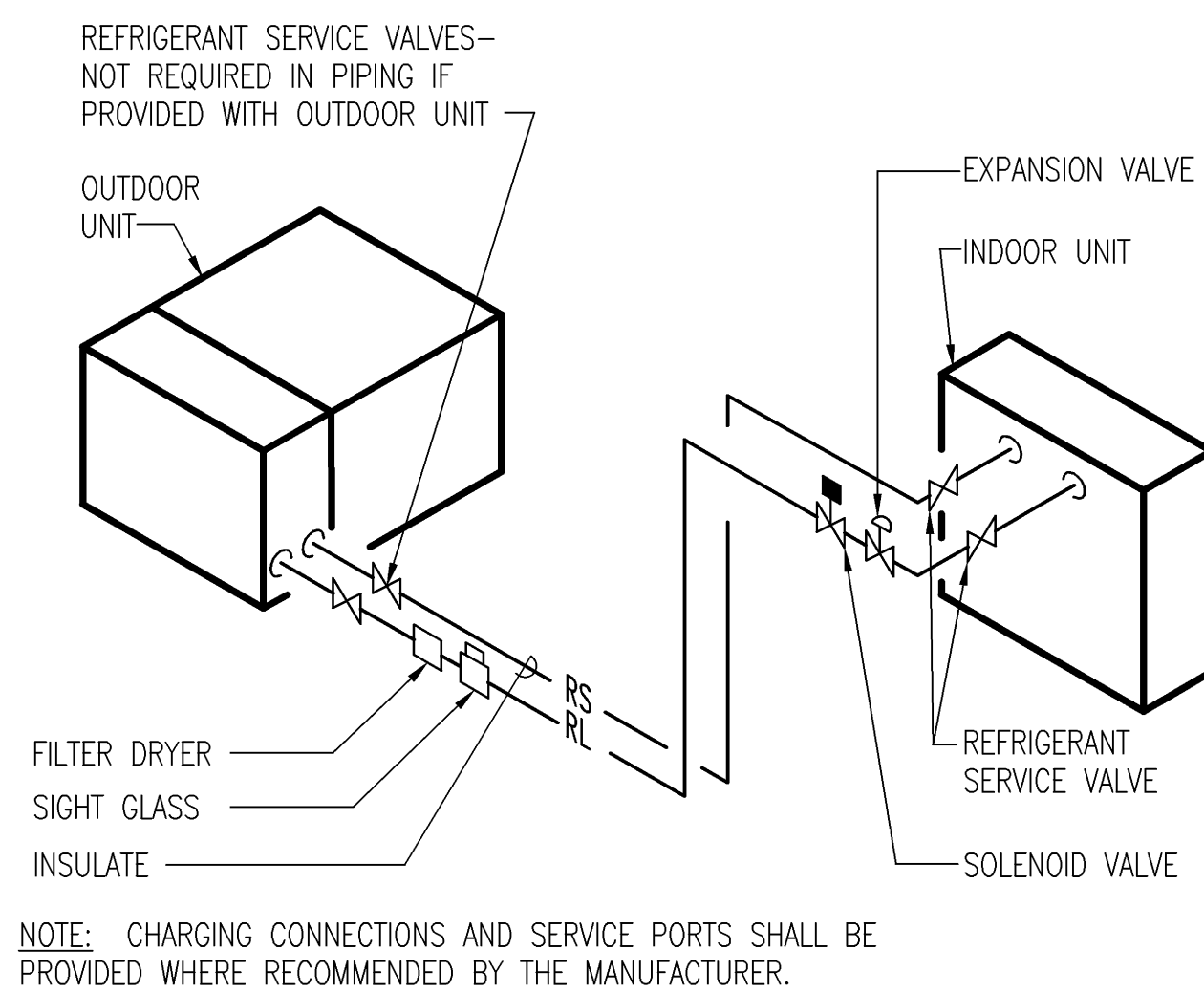


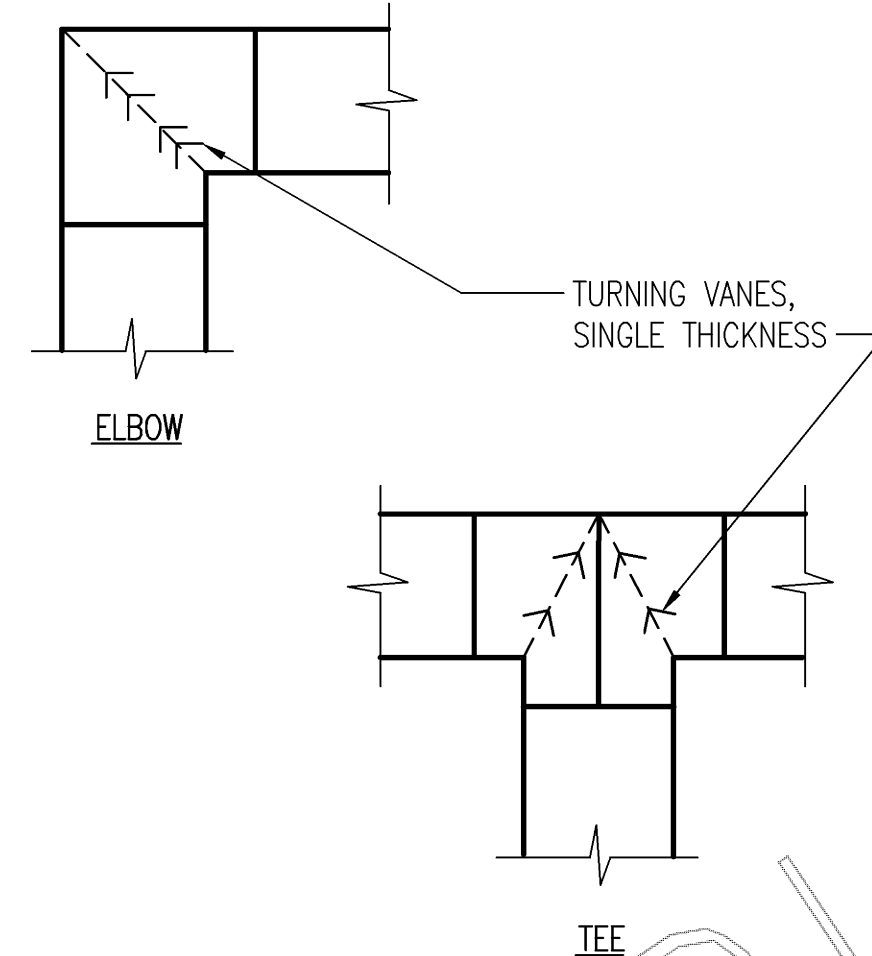
**CHILLED WATER COIL PIPING DETAIL**  
NO SCALE



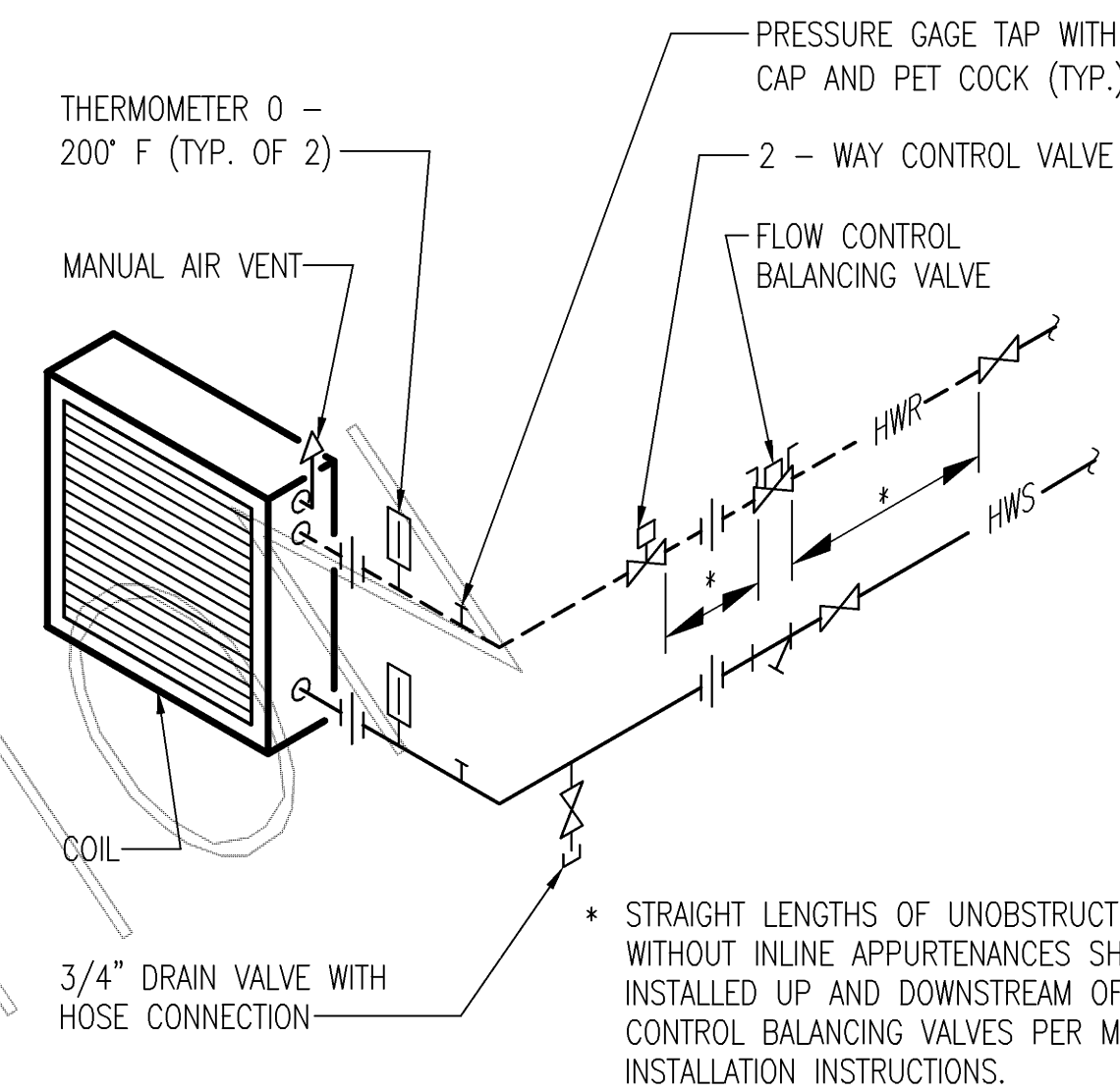
**TYPICAL CONDENSATE DRAIN TRAP**  
NO SCALE



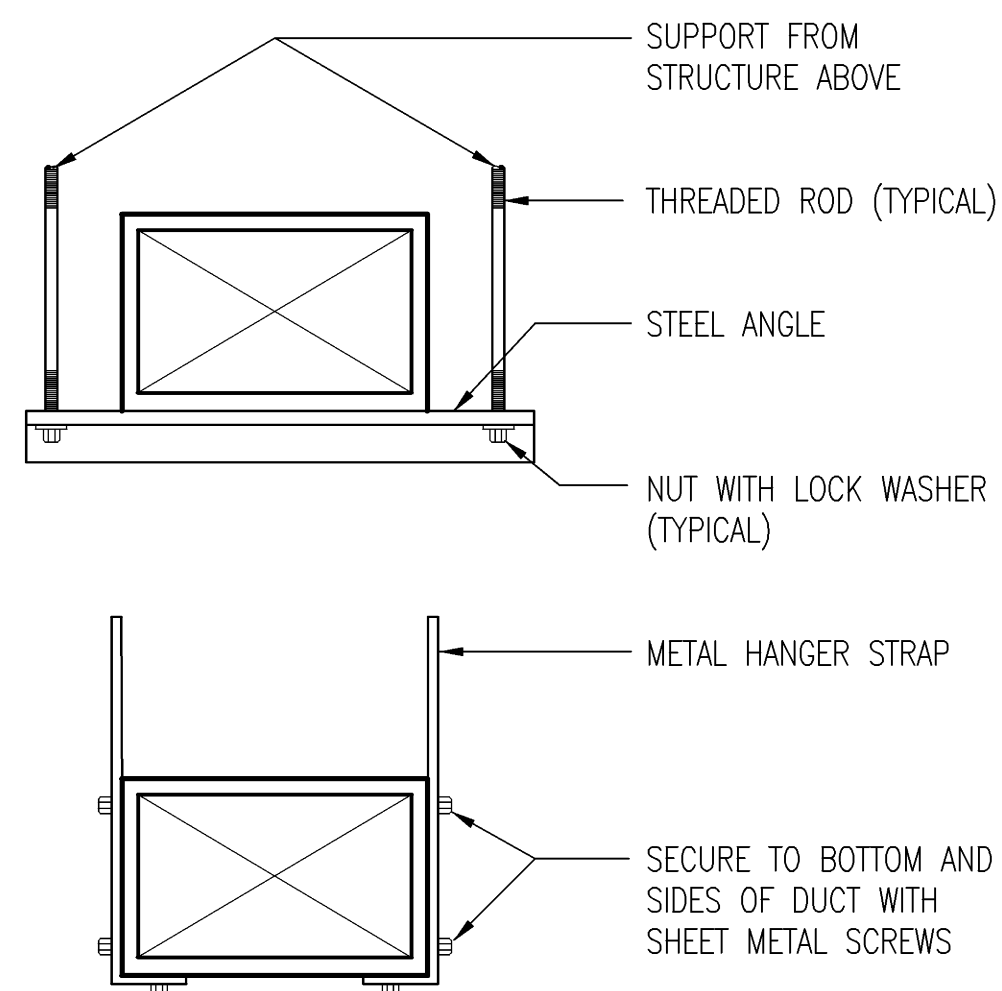
**REFRIGERANT PIPING DETAIL**  
NO SCALE



**DUCTWORK DETAIL**  
NO SCALE

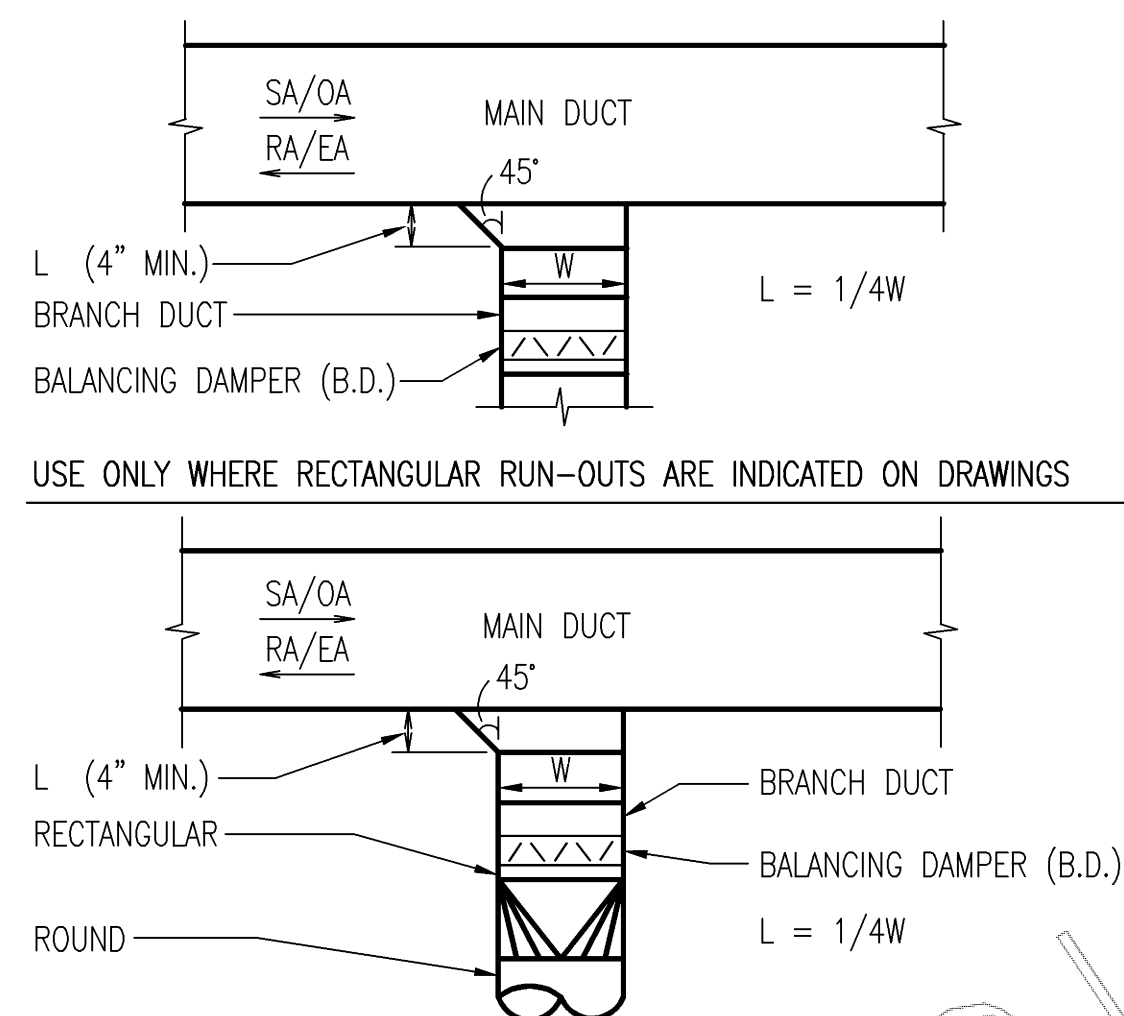


**HOT WATER COIL PIPING DETAIL**  
NO SCALE

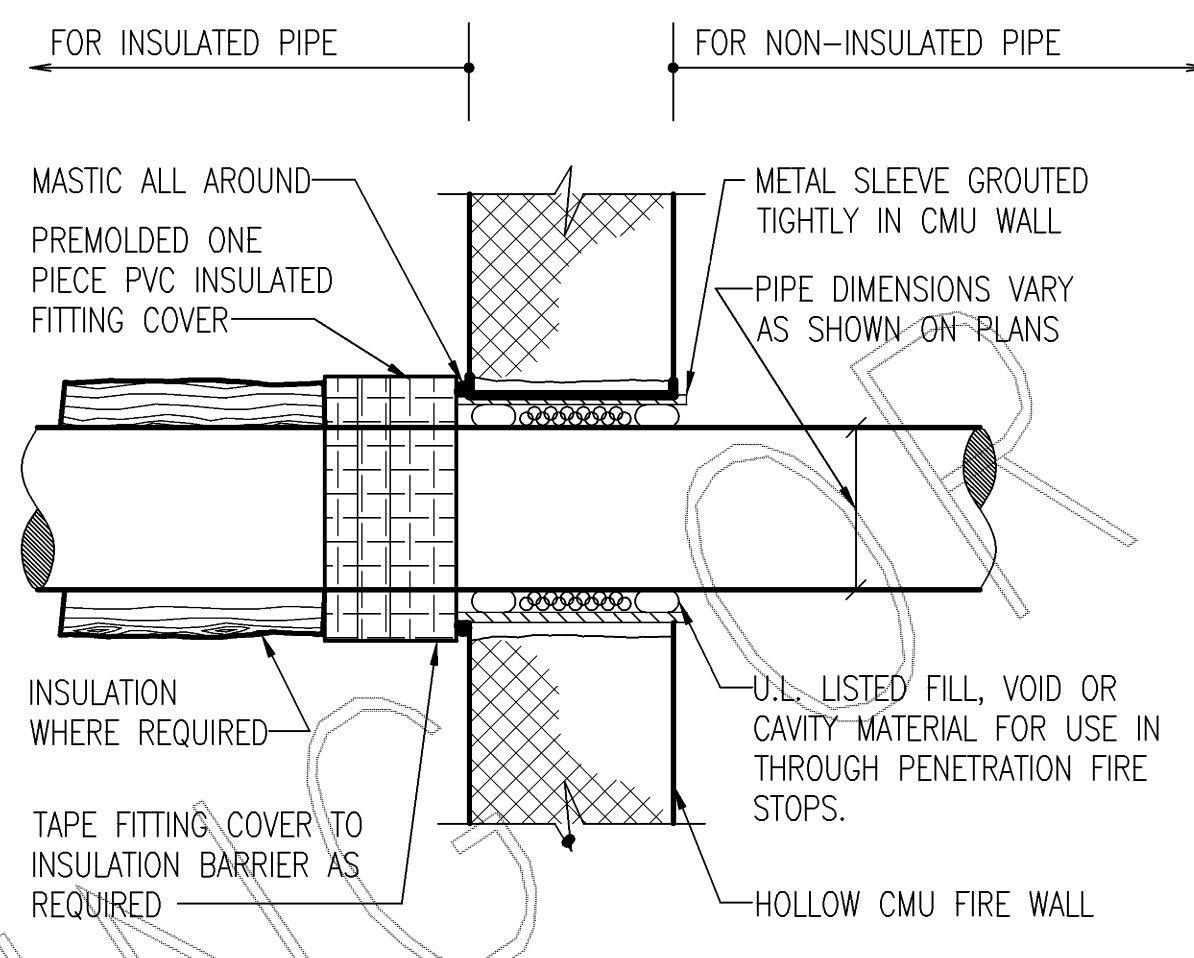


NOTE: FOR ANGLE SIZE AND HANGER STRAP GAUGE, SEE SMACNA LOW PRESSURE DUCT CONSTRUCTION STANDARDS.

**DUCT SUPPORT DETAIL**  
NO SCALE

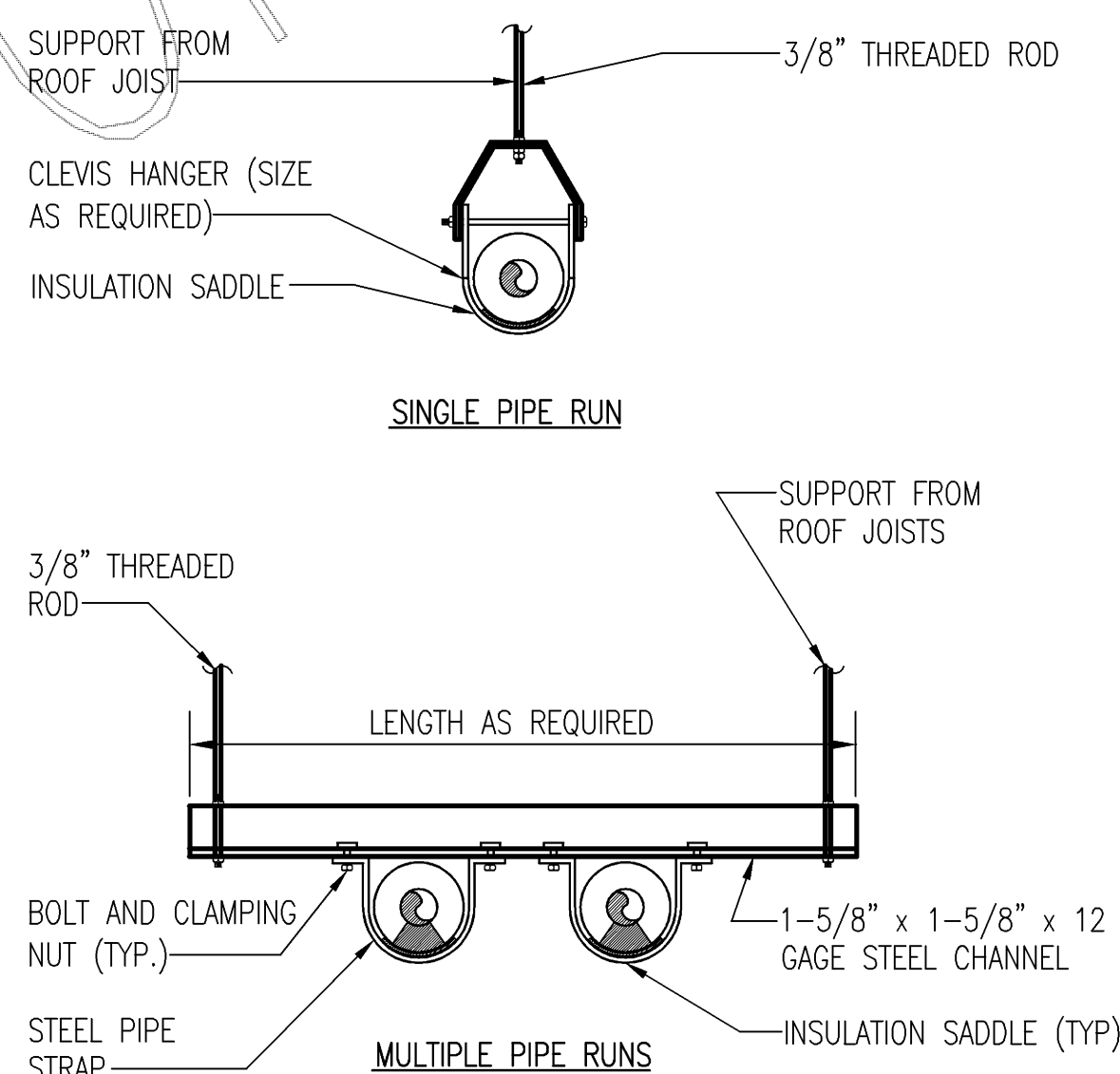


**TYPICAL BRANCH CONNECTION**  
NO SCALE

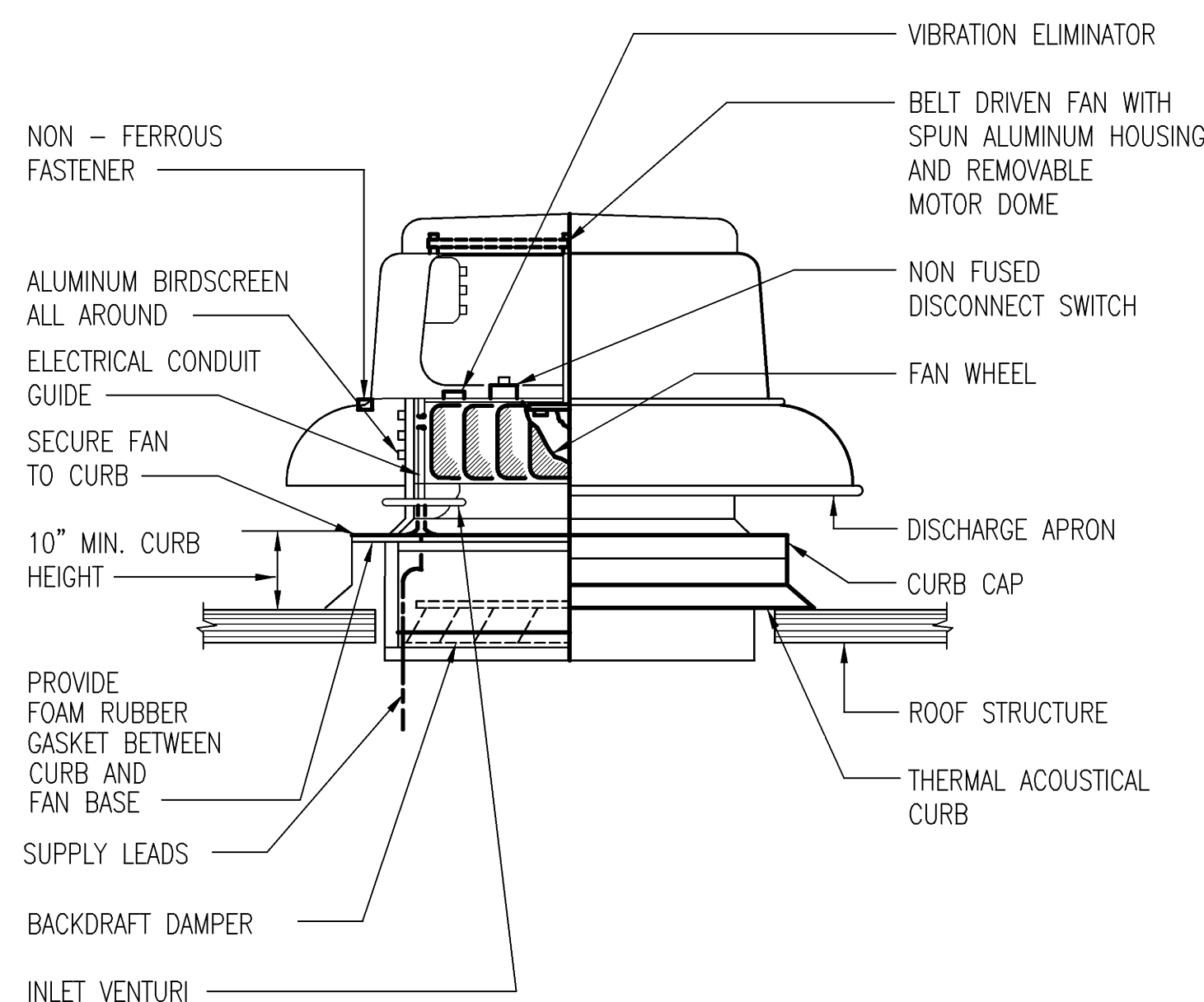


NOTES:  
① DETAIL ILLUSTRATES PIPE INSULATION ON ONE SIDE OF FIRE RATED WALL. WHERE PIPE IS REQUIRED TO BE INSULATED ON BOTH SIDES, THE INSULATION END TREATMENT SHALL BE DUPLICATED ON BOTH SIDES.  
② DETAIL IS GENERIC. REFER TO MECHANICAL GENERAL NOTES AND ARCHITECTURAL DRAWINGS FOR UL PENETRATION REQUIREMENTS.

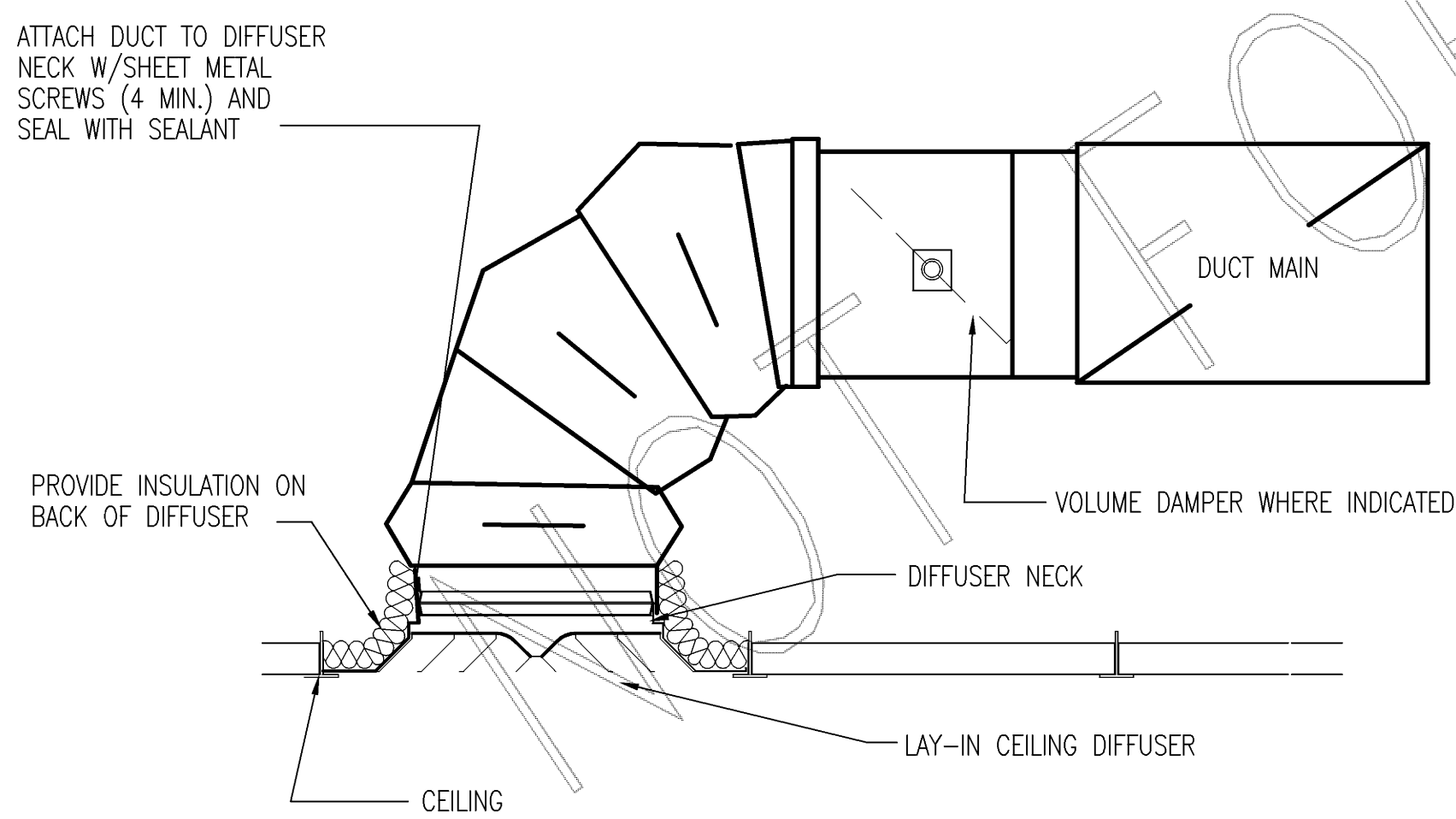
**FIRE WALL PENETRATION DETAIL**  
NO SCALE



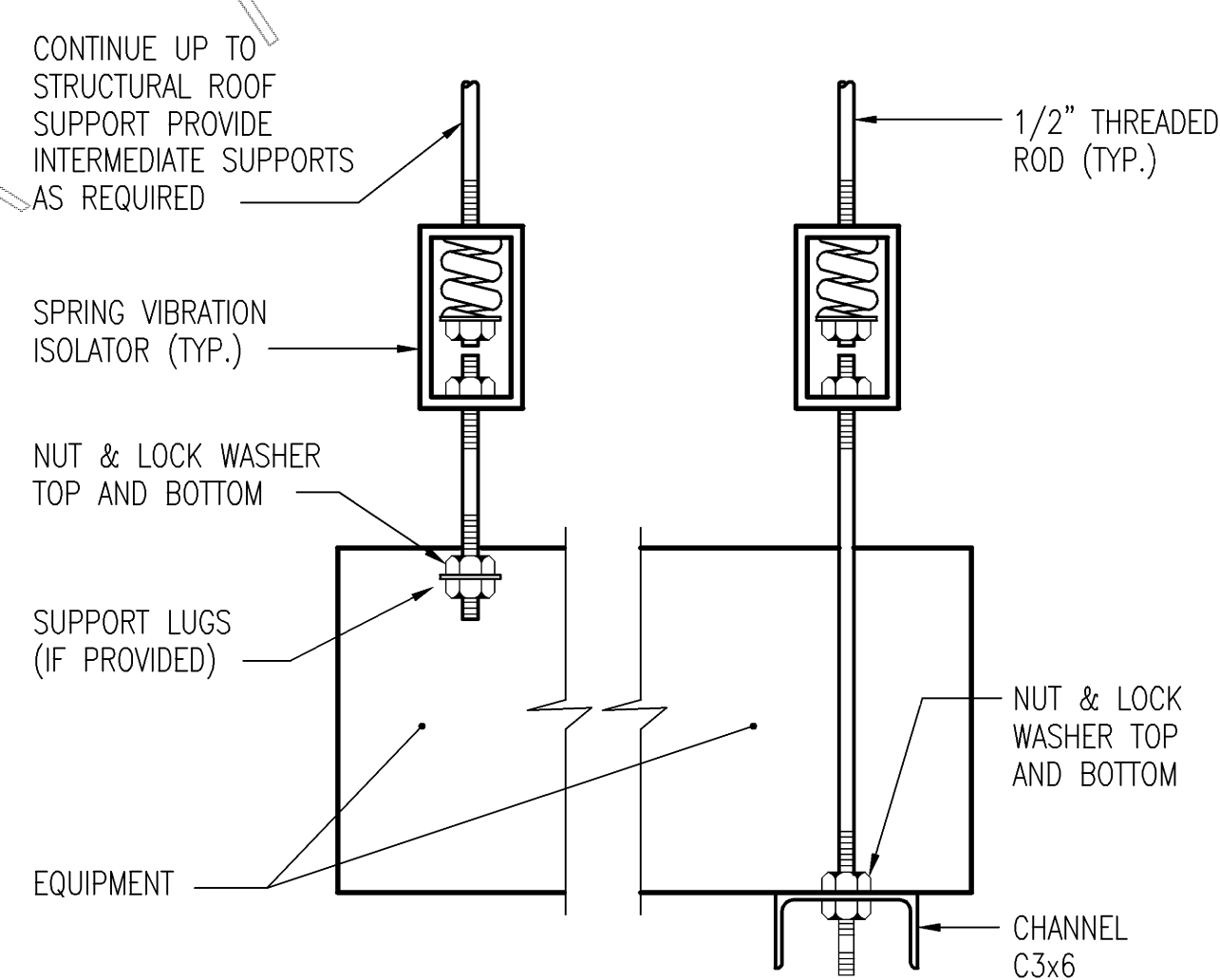
**PIPE SUPPORT DETAILS**  
NO SCALE



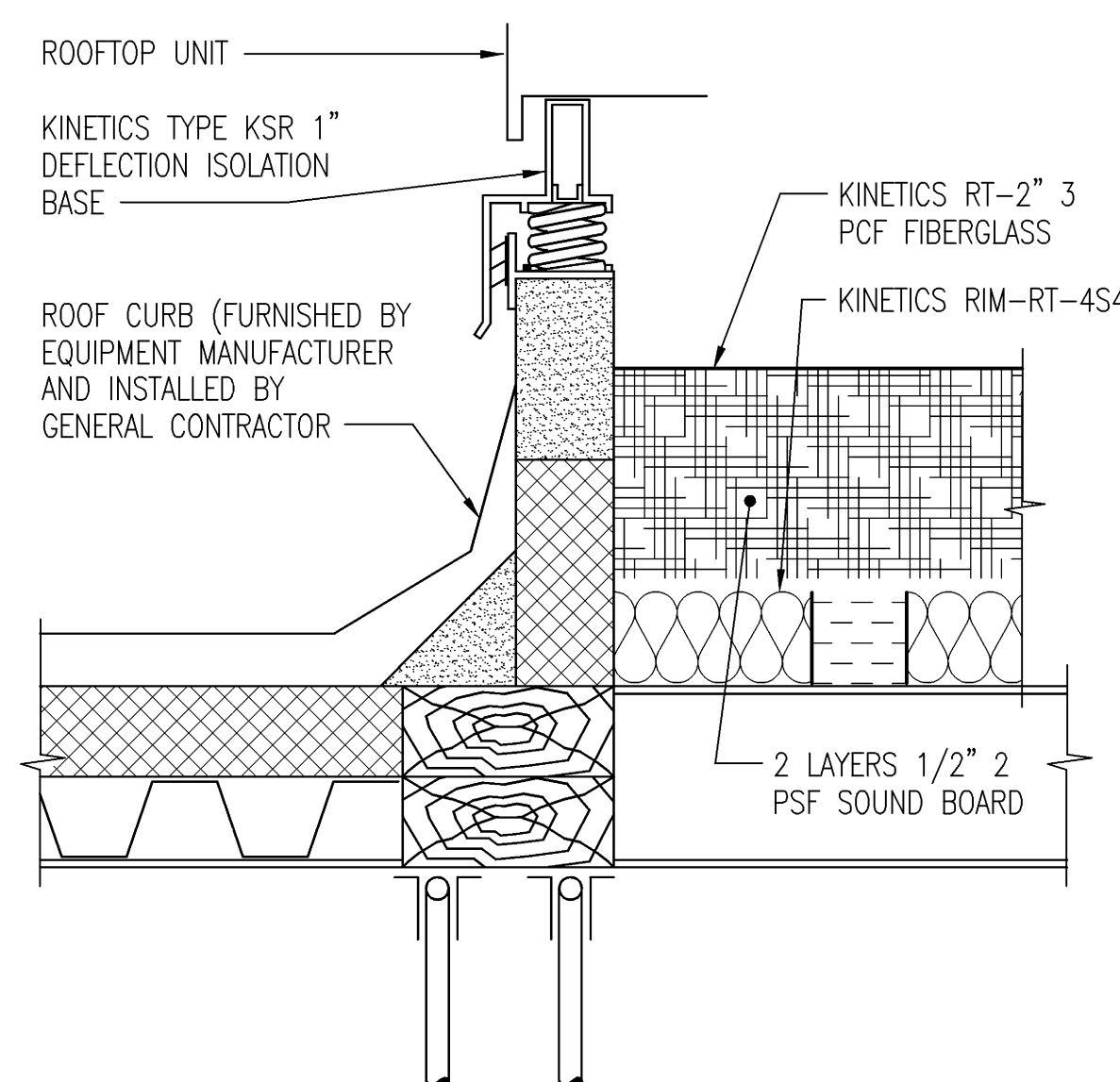
**POWER ROOF VENTILATOR DETAIL**  
NO SCALE



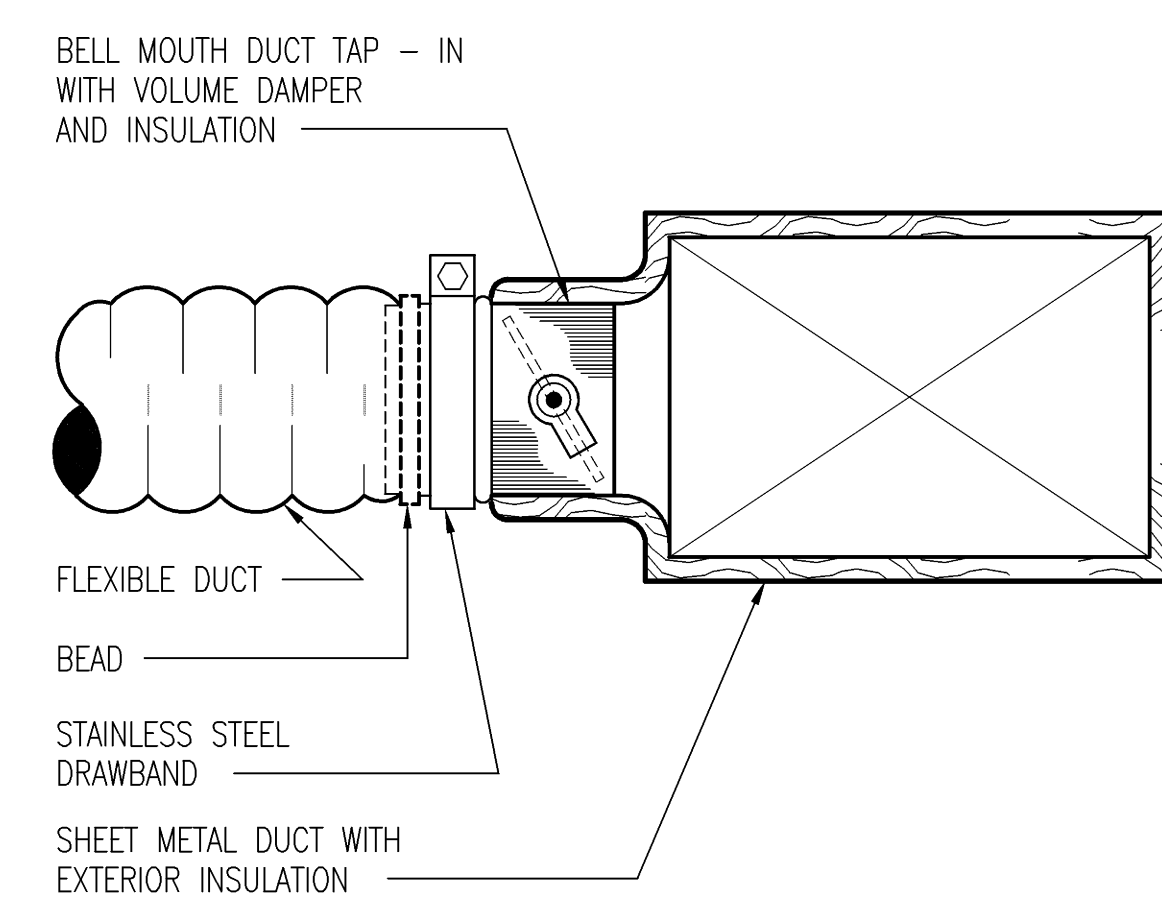
**TYPICAL LAY-IN SUPPLY DIFFUSER DETAIL**  
NO SCALE



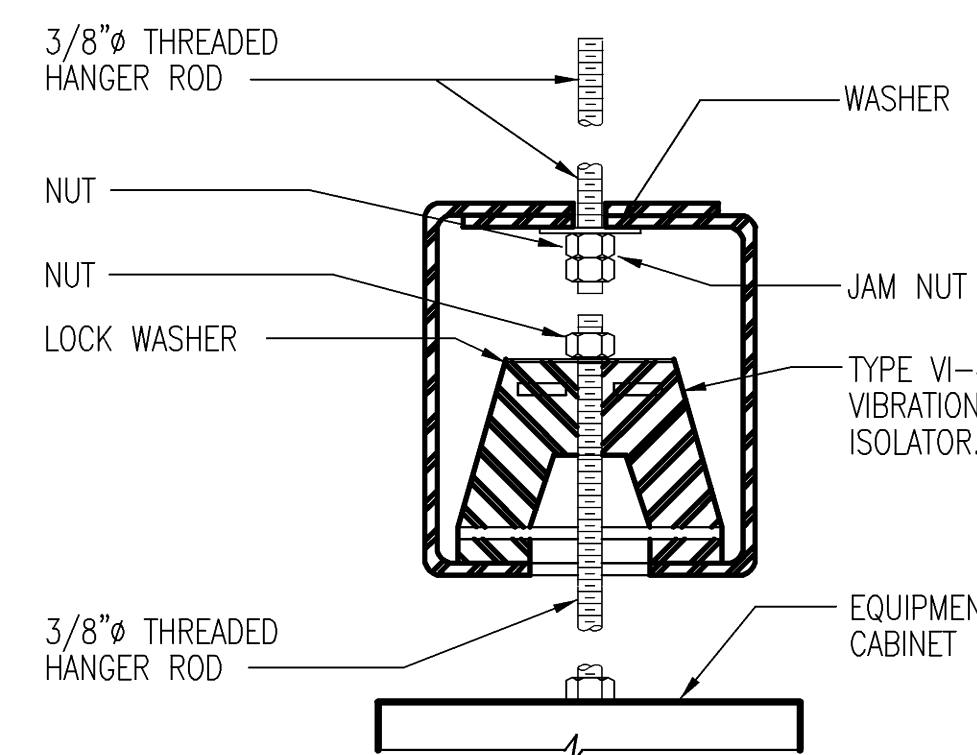
**SUSPENDED EQUIPMENT SUPPORT DETAIL**  
NO SCALE



**ROOFTOP UNIT ACOUSTICAL CURB DETAIL**  
NO SCALE



**FLEXIBLE DUCT INSTALLATION DETAIL**  
NO SCALE



**VIBRATION ISOLATOR DETAIL**  
NO SCALE

Date:	JANUARY 13, 2010
REVISIONS	
NO.	DATE

